



DGW

Welding Generators



The Dayliff DGW welding generator is a dependable, quality product specially designed for welding and generating simultaneously or separately. Particular features include:

- Options of reliable and economical air-cooled 4 stroke OHV petrol engine (DGW 200P) or high efficiency diesel engines (DGW200D and 300D) equipped with large size exhaust and air cleaner for low noise operations.
- High efficiency square core alternator providing reliable power output.
- AC auxiliary current and DC welding current can be used simultaneously
- Strong tubular frame for protection and ease of handling.
- Integrated control panel with voltmeter, hourmeter and welding current adjuster for operational convenience.
- Fuseless type over current protection for AC with breaker on indicator
- Engine oil level sensor for protection in case of low oil level.
- High capacity fuel tank for extended operation.
- Supplied complete with electrode holder and 4m cable, welding clamp and 4m cable, output plugs and separate castor wheels for movable applications

DGW200 models are appropriate for use with welding rods up to 3.2mm while DGW300 is more suited for larger rods up to 5mm depending on the welding current requirement of a given application.

The DGW welding generator is of compact design and its advanced features make it suitable for all small scale welding and power generation applications.

SPECIFICATIONS

Model	Engine			Output		Fuel Tank Capacity (litres)	Operating Period (Hrs)	Starter	Dimensions (mm)			Weight (kg)
	Engine Model	Capacity (cc)	Rated Power (HP)	Rated (kVA)	Max (kVA)				L	W	H	
DGW 200P	GK420	420	10.5	4.5	5	25	8	Electric	685	520	625	107
DGW 200D	LA186FA	418	7.7			12.5	6		800	525	600	130
DGW 300D	LA290F	954	17	3.0	3.3	25			1070	578	668	195

WELDING DATA

Model	Welding Performance				Welding Rod Currents (A)			
	No Load Voltage (V)	Operation Voltage (V)	Operating Current (A)	Max. Arching Current (A)	2.5mmØ	3.2mmØ	4mmØ	5mmØ
DGW200P	62-68	22-26	50-130	200	50-100	100-160		
DGW200D				180				
DGW300D	75-80	22-32	50-270	300			160-180	180-300

ELECTRICAL DATA

Alternator: self exciting, 2 pole

Power Output: 50Hz, 240V, single phase

AC Power Output: 2 No. Plug Socket+ DC Terminal Bindings for Welding Cables

Voltage Regulator: AVR

Power Factor: 1

Speed: 3000rpm

DERATING: Given outputs are sea level ratings. Sets should be derated at 1% for every 100m higher than 100m above sea level, and 2% for every 5°C temperature above 20°C.

DIMENSIONS & WEIGHTS

